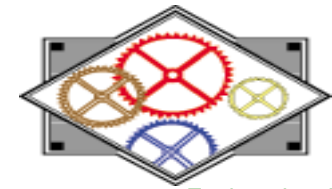




# Michigan 2+2 (2) Alignment Plan



Engineering, Manufacturing  
& Industrial Technology

Learner Name \_\_\_\_\_

Date \_\_\_\_\_

Learner Signature \_\_\_\_\_

Advisor Signature \_\_\_\_\_

Parent/Guardian Signature (if required) \_\_\_\_\_

*This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. All plans must meet high school graduation requirements as well as college entrance requirements.*

High School	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	English 9	English 10	English 11	English 12
	Algebra I **	Geometry or Algebra II	Algebra II or Trigonometry	Math Credit
	Biology	Chemistry or Physics	Civics/Econ	Science Credit
	US History	World History/Geography	<b>Career and Technical Education Options</b> Electro-Mechanical Tech – 15.0403 Plastics Engineering Tech – 15.0607 Industrial Production Tech – 15.0612 Appliance Installation & Repair – 47.0106 Marine Maintenance – 47.0616 Precision Production Trades – 48.0000 Machine Tool Operation – 48.0501 Welding, Brazing & Soldering – 48.0508 Woodworking General – 48.0701	
	PE/Health****	Fine Arts/Music/Visual/ Performing/and Applied Arts		
World Language ***	World Language ***			
Post-Secondary	<b>Proprietary Programs</b> <input type="checkbox"/> Automated Manufacturing Technology <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Electronics <input type="checkbox"/> Industrial Maintenance <input type="checkbox"/> Manufacturing Engineering Technology <input type="checkbox"/> Precision Machining <input type="checkbox"/> Plastic Manufacturing		<b>Community College</b> <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Agriculture Engineering <input type="checkbox"/> Precision Production Trades <input type="checkbox"/> Manufacturing Technology <input type="checkbox"/> Pre-Engineering <input type="checkbox"/> Industrial Drafting <input type="checkbox"/> Aerospace Manufacturing Technology	<b>College/University</b> <input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Mechanical Engineering Technology
	<b>Career Enhancement Options</b> Work Based Learning Leadership/Teamwork (Skills USA) Job-Shadowing Internship/Mentorship  Safety Training Lean Manufacturing Precision Machining  For Apprenticeship information visit <a href="http://www.doleta.gov/atels_bat/sainformation.cfm">www.doleta.gov/atels_bat/sainformation.cfm</a> For more information <a href="http://www.michigan.gov/octp">www.michigan.gov/octp</a>			

\*\*Could be completed in 8<sup>th</sup> grade

\*\*\*If not completed at the 3<sup>rd</sup>-8<sup>th</sup> grade level

\*\*\*\*Could be completed in the 11<sup>th</sup> or 12<sup>th</sup> grade to provide electives.